



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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| <b>(51) International Patent Classification <sup>7</sup> :</b><br><b>H04Q 3/00</b>  | <b>A3</b> | <b>(11) International Publication Number:</b> <b>WO 00/22840</b><br><b>(43) International Publication Date:</b> 20 April 2000 (20.04.00)  |
| <b>(21) International Application Number:</b> PCT/FI99/00844<br><b>(22) International Filing Date:</b> 11 October 1999 (11.10.99)<br><b>(30) Priority Data:</b><br>982204 9 October 1998 (09.10.98) FI<br><b>(71) Applicant (for all designated States except US):</b> SONERA OYJ [FI/FI]; Teollisuuskatu 15, FIN-00510 Helsinki (FI).<br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (for US only):</b> HUOPANIEMI, Juho [FI/FI]; Visamäki 5 G 63, FIN-02130 Espoo (FI). ALA-LUUKKO, Sami [FI/FI]; Paraistentie 18 A 2, FIN-00280 Helsinki (FI).<br><b>(74) Agent:</b> PAPULA REIN LAHTELA OY; P.O. Box 981, (Fredrikinkatu 61 A), FIN-00101 Helsinki (FI).   |           | <b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).<br><b>Published</b><br><i>With international search report.</i><br><i>In English translation (filed in Finnish).</i><br><b>(88) Date of publication of the international search report:</b> 13 July 2000 (13.07.00) |
| <b>(54) Title:</b> METHOD AND SYSTEM FOR FORMING A TELECOMMUNICATION CONNECTION   |           |   |
| <b>(57) Abstract</b>  |           |   |
| <p>System for establishing and controlling a telecommunication connection in a telecommunication network comprising a telecommunication terminal (1), a telephone exchange (2) and an intelligent network (3) comprising a service switching point (SSP), a gateway (GW), a signaling network (SS7) and one or more service control points (SCP). The service switching point (SSP) is connected to the gateway (GW) and the gateway is further connected to the signaling network (SS7). The service control points (SCP) are connected to the signaling network (SS7). In the method of the invention, the establishment and control of the telecommunication connection are managed by means of the intelligent network. The signaling associated with the telecommunication connection to be established is directed to a predetermined service control point (SCP-A) by setting the A-party number as the Global Title address of the signaling message.</p> |           |   |

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## INTERNATIONAL SEARCH REPORT

International application No.

PCT/FI 99/00844

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 3/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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☒ Further documents are listed in the continuation of Box C.
 ☒ See patent family annex.

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| Date of the actual completion of the international search  | Date of mailing of the international search report                           |
| 7 April 2000   | 13 -04- 2000   |
| Name and mailing address of the ISA<br>Swedish Patent Office<br>Box 5055, S-102 42 STOCKHOLM<br>Facsimile No. + 46 8 666 02 86 | Authorized officer<br>Stefan Hermansson/MP<br>Telephone No. + 46 8 782 25 00 |

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Information on patent family members

02/12/99

International application No.

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